

# BRIDGE REPLACEMENT TO PIPE

BRIDGE #45

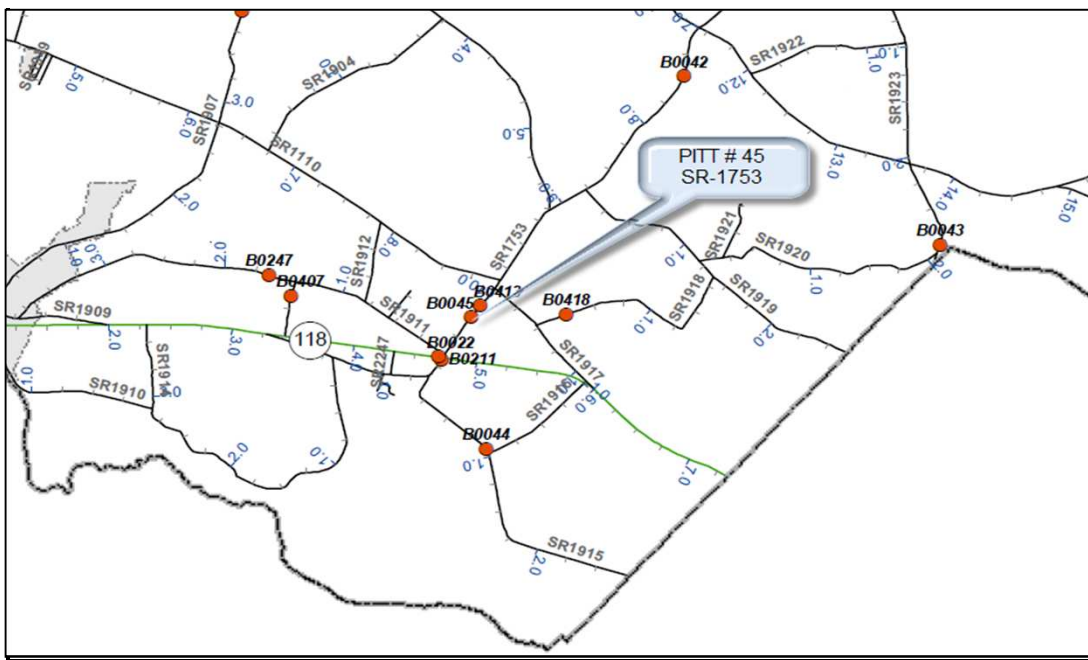
## PITT COUNTY

SR-1753

### EROSION CONTROL PLANS

March 8, 2011

PREPARED BY: TIM CASEY LEVEL III CERT.# 497  
NCDOT-BRIDGE MAINTENANCE  
PO BOX 371  
NEW BERN, NC 28563



### **PROJECT DESCRIPTION**

THE EXISTING STRUCTURE IS TWO SPANS OF REINFORCED CONCRETE FLOORS ON TIMBER JOISTS. 2 @ 17'-8" WITH TIMBER END BENT CAPS ON TIMBER PILES @ VARYING CENTERS. THE PROPOSED STRUCTURE IS 1 @ 15'-4" X 10-0" ASPPA, 100 DEGREE SKEW WITH HEADWALLS. IT IS LOCATED ON SR-1753 OVER ST. JOHN'S CANAL, 0.5 MILES NORTHEAST OF JUNCTION OF SR-1911 IN PITT COUNTY. IT IS ALSO SHOWN ON THE FORT BARNWELL QUADRANGLE.






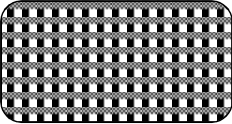







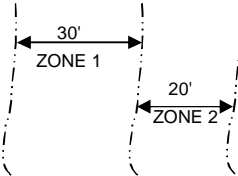
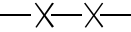



THIS PROJECT WILL BE COVERED UNDER A NW-31 PERMIT PER JAY JOHNSON (DEO-DIV II).

### **SEDIMENTATION AND EROSION CONTROL**

DUE TO THE NATURE OF THE PROJECT, THERE IS EXPECTED TO BE SOME SEDIMENTATION AND MINOR EROSION DURING HEAVY AND PROLONGED RAINS. THE CONSTRUCTION SUPERVISOR OR SUITABLE REPRESENTATIVE SHALL CONSTANTLY WATCH FOR PROBLEM AREAS DURING CONSTRUCTION, ESPECIALLY AROUND CROSSLINE AND OUTLET DRAINAGE AREAS, AND TAKE THE FOLLOWING STEPS AS NECESSARY:

- (1) WHEN SILT FENCE APPROACHES FULL CAPACITY, IT SHALL BE CLEANED OUT AND/OR REPLACED AS NEEDED.
- (2) SHOULD UNFORESEEN DELAY IN CONSTRUCTION OCCUR, TEMPORARY OR STAGED SEEDING AND MULCHING WILL BE USED ACCORDINGLY.
- (3) ANY QUESTIONS OR PROBLEMS ARISING CONCERNING SEDIMENTATION OR EROSION CONTROL SHALL BE DIRECTED TO THE BRIDGE MAINTENANCE ENGINEER OR THE DIVISION ENVIRONMENTAL OFFICER.

# LEGEND SHEET

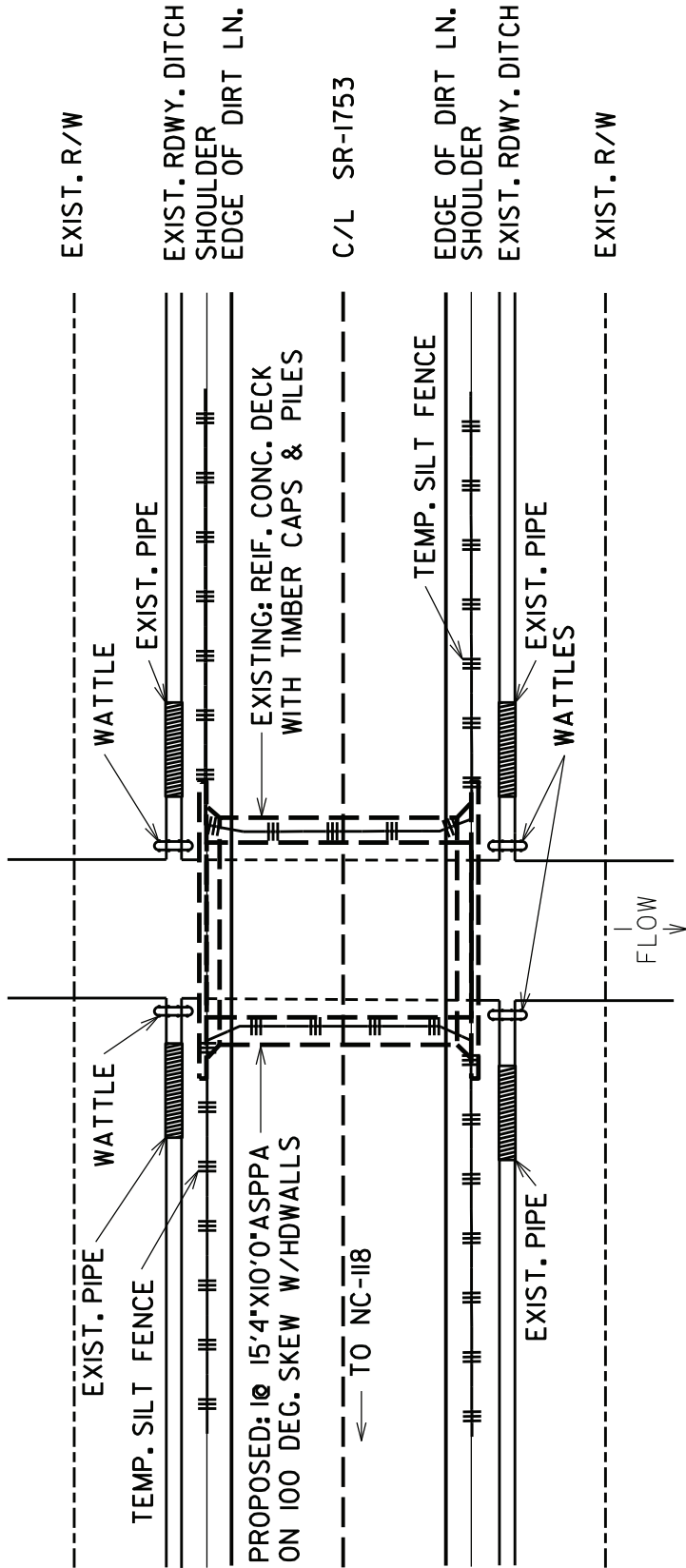
	Std.#
RIP RAP 	1605.01 TEMPORARY SILT FENCE 
STEEL SHEET PILE 	
COASTAL WETLANDS 	1630.02 SILT BASIN TYPE B 
DIRT ( SILT BAG) 	1633.01 TEMPORARY ROCK SILT CHECK TYPE-A 
POWER POLE 	1633.02 TEMPORARY ROCK SILT CHECK TYPE-B 
WATERLINE 	1634.01 TEMPORARY ROCK SEDIMENT DAM TYPE-A 
SEWERLINE 	1634.02 TEMPORARY ROCK SEDIMENT DAM TYPE-B 
NEUSE RIVER RIPARIAN BUFFER 	TURBIDITY CURTAIN 
DIFFUSE FLOW 	BP CHECK DAM (EXPERIMENTAL) 
	WOODS LINE 

NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
DIVISION TWO, BRIDGE MAINTENANCE  
NEW BERN, N.C.

# EROSION CONTROL PLAN

PROPOSED BRIDGE TO PIPE  
PITT #45, SR-I753  
PITT COUNTY, DATE: 3/9/2011  
DRAWN BY: T. CASEY

UT TO  
ST. JOHNS CANAL



WATER QUALITY CRITERIA:  
STREAM CROSSING BLUE LINE ON USGS

NOTE: NOT TO SCALE  
FOR PERMIT USE ONLY